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PTO/SB/05 (03-01)

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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	KSC-12139-1
First Inventor	Christopher Immer
Title	Thermodynamic Pressure/Temperature Transducer Health Check
Express Mail Label No.	ET346435523US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)
2. <input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.
3. <input checked="" type="checkbox"/>	Specification [Total Pages 22] (preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the invention</li><li>- Brief Summary of the invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>
4. <input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. <input type="checkbox"/>	Oath or Declaration [Total Pages ] <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)<ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul></li></ul>
6. <input type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76

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Box Patent Application  
Washington, DC 20231

7. <input type="checkbox"/>	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. <input type="checkbox"/>	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li><li>b. Specification Sequence Listing on:<ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul></li><li>c. <input type="checkbox"/> Statements verifying identity of above copies</li></ul>

## ACCOMPANYING APPLICATION PARTS


9. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/>	English Translation Document (if applicable)
12. <input checked="" type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/>	Preliminary Amendment
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. <input checked="" type="checkbox"/>	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. <input checked="" type="checkbox"/>	Other: Cover Letter

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: _____ / _____
Prior application information:		Examiner _____	Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		or <input checked="" type="checkbox"/> Correspondence address below			
Name	Randall M. Heald, Patent Counsel				
Address	National Aeronautics and Space Administration Mail Code: CC-4/John F. Kennedy Space Center				
City	Kennedy Space Center	State	FLORIDA	Zip Code	32899
Country	U.S.A.	Telephone	321-867-7214	Fax	367-1817

Name (Print/Type)	Randall M. Heald	Registration No. (Attorney/Agent)	28,561
Signature		Date	11/9/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

11/09/01  
09/994990  
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Patent Application

KSC-12139-1  
(NASA Case No.)**Letter Transmitting Patent Application**  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICETHE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the Patent Application of:

Applicant: Christopher Immer et al

Inventor(s): Christopher Immer et al

Entitled: Thermodynamic Pressure/Temperature Transducer Health Check

Enclosed are:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Specification and claims   | <input checked="" type="checkbox"/> <u>7</u> sheets of drawing. |
| <input type="checkbox"/> Declaration   | <input type="checkbox"/> Power of Attorney                      |
| <input type="checkbox"/> Assignment of the invention to the National Aeronautics and Space Administration. |   |
| <input type="checkbox"/> License of the invention to the National Aeronautics and Space Administration.    |   |
| <input type="checkbox"/> Application Data Sheet  |   |
| <input type="checkbox"/> Preliminary Amendment   |   |
| <input checked="" type="checkbox"/> Information Disclosure Statement                                       |   |
| <input checked="" type="checkbox"/> Nonpublication Request and Certification (PTO/SB/35 or equivalent)     |   |
| <input type="checkbox"/> International application under the PCT. (See PCT/RO/101,XII checklist.)          |   |

The fee has been calculated as shown below:

CLAIMS FILED				
FOR (1)	NUMBER		RATE (4)	FEE (5)
	FILED (2)	EXTRA (3)		
TOTAL CLAIMS	20	= 7	x 18.0	= \$126.00
INDEPENDENT CLAIMS	3	= 3	x 80.0	= \$240.00
BASIC FEE (Minimum amount required)				\$740.00
TOTAL FILING FEE				\$1,106.00

Please charge our Deposit Account No. 14-0116 in the amount shown as the total filing fee. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

Nov 9, 2001  
(Date)Randall Stoddard Reg 28561  
(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing a new or original application.

NASA FORM 1556 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.

NASA Case No. KSC-12139-1

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christopher Immer et al )  
)  
)  
Serial No.: Unknown )  
)  
Filed: Herewith )  
)  
Title: Thermodynamic Pressure/ )  
Temperature Transducer Health )  
Check )

LETTER

Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

The enclosed application is being filed in accordance with 37 CFR 1.7, 1.10 and 1.53(b) in order to obtain a filing date of **November 9, 2001**. The application is being sent by EXPRESS MAIL "Post Office to Addressee" under Certificate ET346435523US.

Respectfully submitted,



Randall M. Heald, Reg. No. 28,561  
Patent Counsel

Mailing Address:  
Patent Counsel  
Office of Chief Counsel  
NASA, John F. Kennedy Space Center  
Mail Code: CC-A  
Kennedy Space Center, Florida 32899  
Telephone (407) 867-7214

I hereby certify that the attached application "Thermodynamic Pressure/Temperature Transducer Health Check" is being deposited with the United States Postal Service on **November 9, 2001**, as Express Mail "Post Office to Addressee" under Certificate No. ET346435523US in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231.



Carol Anne Dunn  
Paralegal Specialist

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>NONPUBLICATION REQUEST</b> <b>UNDER</b> <b>35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		Christopher Immer
	Title	Thermodynamic Pressure/Temperature Transducer Health Check	
	Atty Docket Number		KSC-12139-1

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

11/9/01

Date \_\_\_\_\_

Ransell Heald

**Signature**

Randall M. Heald, Reg. No. 28,561

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**